

Converting Colors

Hex(13537F)

Have a look what the booklet for
Hex(13537F) contains.

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Color

Hex(13537F)

Conversions

Conversions Part 1

Format	Color
Hex	13537F
RGB	19, 83, 127
RGB Percent	7%, 33%, 50%
CMY	0.9255, 0.6745, 0.5020
CMYK	0.85, 0.35, 0.00, 0.50
HSL	204°, 74%, 29%
HSV	204°, 85%, 50%
XYZ	7.1926, 7.8573, 21.2162
YIQ	68.8800, -52.2680, 0.1160

Conversions

Conversions Part 2

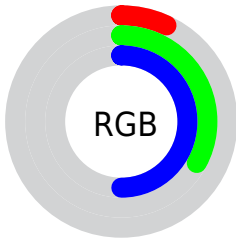
Format	Color
R _Y B	19, 59, 127
Decimal	1266559
CIE Lab	33.68, -2.67, -30.29
CIE LCh	34, 30.404, 264.968
Yxy	7.8573, 0.1983, 0.2167
Android (android.graphics.Color)	4279456639 (0xFF13537F)
YUV	68.8800, 28.6532, -43.7448
Hunter-Lab	28.0308, -3.2516, -25.2543

Details

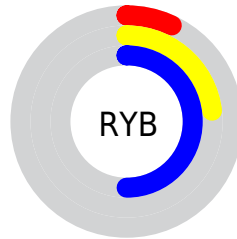
The Hex color **13537F** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **7F3F13**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **5384B4**, and **00274D** is the 20% darker color. If you saturate the color by 10%, you get **064E7F**, and if you desaturate by 10%, it is **20587F**.

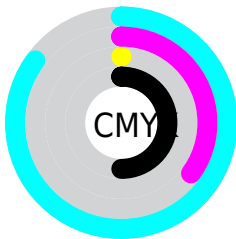
Distribution



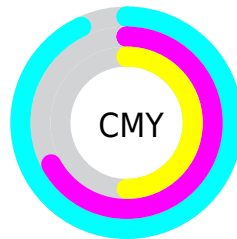
- Red (7%)
- Green (33%)
- Blue (50%)



- Red (7%)
- Yellow (23%)
- Blue (50%)



- Cyan (85%)
- Magenta (35%)
- Yellow (0%)
- Black (50%)



- Cyan (93%)
- Magenta (67%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13537F changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 13537F by changing the saturation by 10% instead.

■ 13537F

■ 13537F

FFFFFF

■ 003C66

■ 5384B4

■ 00274D

■ 6E9ED0

■ 001236

■ 8AB9EC

■ 000221

■ A6D5FF

■ 000005

■ C3F1FF

■ 000000

■ E0FFFF

■ F0FFFF

■ 13537F

■ 13537F

■ 064E7F

■ 20587F

■ 004B7F

■ 2C5D7F

■ 39637F

■ 46687F

■ 536D7F

■ 5F727F

■ 6C777F

■ 797C7F

■ 85827F

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



005976



13537F



4A4B7B

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



13537F



7C3C3C



2C5932

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



13537F



7F3F13

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



495422



13537F



734428

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



13537F



793B54



614D1E



005B4A

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



13537F



604471



614D1E



36572C

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



13537F



7B94A6



137F3E



3A4A54



D4D4D4



545454

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



13537F



0062A6



131E7F



393D40



004C80



000000

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



7F1353



A60062



7F7413



40393D



80004C



000000

Previews

White Background



This preview shows how the Hex color 13537F looks on a white background.

Color Contrast Check

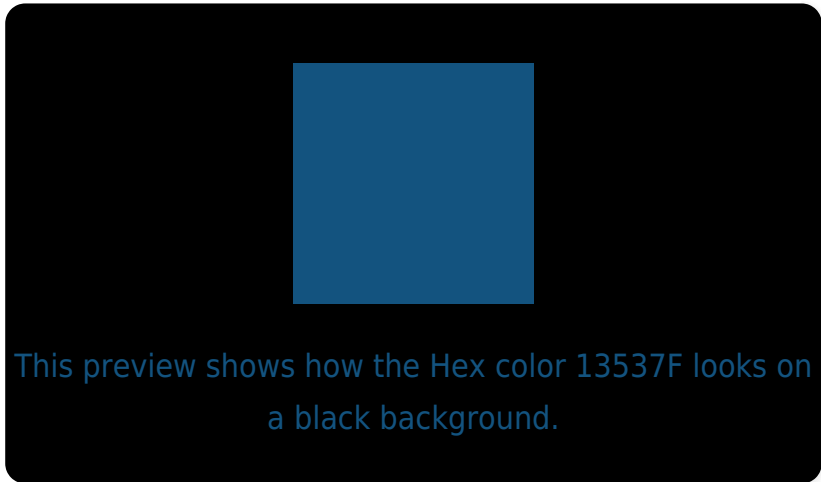
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

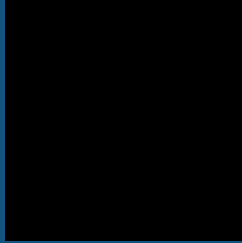
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 13537F Background



This preview shows how black text looks on a background with the Hex color 13537F.



This preview shows how white text looks on a background with the Hex color 13537F.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Trichromacy



Original Color
13537F

Protanomaly
2F507C

Deuteranomaly
275080

Monochromacy



Original Color
13537F

Achromatopsia
454545

Achromatomaly
334A5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 13537F is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #13537F looks like.

```
.text, #text, p{  
    color:#13537F  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #13537F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13537F
}
```

Border

The CSS property to change the border of an element to Hex 13537F is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#13537F }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#13537F }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #13537F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13537F; -webkit-box-shadow:4px 4px  
4px 4px #13537F; box-shadow:4px 4px 4px  
4px #13537F }
```

Background

The CSS property to change the background color of an element to Hex 13537F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13537F }
```

If only the background color should be changed can be used:

```
.background{ background-color:#13537F }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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